

20000719.qrp v01\_n887.qrl.20000719

Date: Wed, 19 Jul 2000 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1887

QRP-L Digest 1887

Topics covered in this issue include:

- 1) [75348] speaker audio  
by tailfeathers@juno.com
- 2) [75349] FS: Toshiba T1200 Laptop  
by Michael Bower <bowerm@ix.netcom.com>
- 3) [75350] FS: Toshiba T1200 pictures  
by Michael Bower <bowerm@ix.netcom.com>
- 4) [75351] 14060  
by "w8diz" <w8diz@cinci.rr.com>
- 5) [75352] Sticky Knob Pot Solution?  
by "Dennis Payton" <dpayton@fwi.com>
- 6) [75353] Re: 14060  
by Macstein@aol.com
- 7) [75354] PSK31 SOFTWARE FOR MAC  
by Barry J Minsky <w2bj@juno.com>
- 8) [75355] re. sticky knobpots  
by Pete Burbank <plburbank@kih.net>
- 9) [75356] OT: rfi and computer speakers  
by paule@sfu.ca
- 10) [75357] Need December 66 QST Article  
by Ron S Stone <rsstone@juno.com>
- 11) [75358] Re: CW mods for HTX-10  
by Mike <mmorrow@companet.net>
- 12) [75359] Re: 14060  
by Brian <brian@iquest.net>
- 13) [75360] FS: NC-20 & LDG atu...  
by Radman <radman@best.com>
- 14) [75361] painting aluminum  
by Michael Bower <bowerm@ix.netcom.com>
- 15) [75362] RE: different painting aluminum procedure?  
by "Ed Tanton" <n4xy@att.net>
- 16) [75363] Re: painting aluminum  
by Jim/Julia <w7ls@blarg.net>
- 17) [75364] Re: PSK31 SOFTWARE FOR MAC  
by Steve Muncy <listsubs@sintezo.com>
- 18) [75365] Re: 14060  
by Shephed@aol.com
- 19) [75366] P-Tick Keyer

- by "Graham Dillabough (VE6KJ)" <g\_dillabough@roadrunner.nf.net>
- 20) [75367] Re: 14060  
by "Carel Mulder, PA0CMU" <cmulder@casema.net>
- 21) [75368] Semi-portable verticle  
by Shawn Upton <kb1ckt@yahoo.com>
- 22) [75369] Re: Semi-portable verticle  
by ARDUJENSKI@aol.com
- 23) [75370] WTD:Link to KI6DS Kitbuilding articles  
by JP <jdanter@mail.i-america.net>
- 24) [75371] Re: WTD:Link to KI6DS Kitbuilding articles  
by Paul Womble <pwomble1@tampabay.rr.com>
- 25) [75372] \*Correction\* KI6DS Kitbuilding articles  
by Paul Womble <pwomble1@tampabay.rr.com>
- 26) [75373] Re: speaker audio  
by NB6M@aol.com
- 27) [75374] Re: garbage on 14.06  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 28) [75375] Re: Semi-portable verticle  
by NB6M@aol.com
- 29) [75376] HB: DC decoupling  
by "Delanet" <hhurst@delanet.com>
- 30) [75377] Re: Getting excited --- #99!  
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
- 31) [75378] Re: garbage on 14.06  
by "Dan W. Dooley" <dandooley@pipeline.com>
- 32) [75379] Re: CW mods for HTX-10  
by Jim Stafford <w4qo@amsat.org>
- 33) [75380] QRPP wattmeter update  
by ARDUJENSKI@aol.com
- 34) [75381] Re: 14060 QRM  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 35) [75382] [KITS] Anyone built a W9GR DSP Kit ?  
by Michael Melland <badger@vbe.com>
- 36) [75383] W8R Special Event Demo Tomorrow  
by "Paul R. Valko" <prvalko@oakland.edu>
- 37) [75384] [Kits] W9GR DSPIII no longer available !!  
by Michael Melland <badger@vbe.com>
- 38) [75385] (no subject)  
by JP <jdanter@mail.i-america.net>
- 39) [75386] QRP rig reviews  
by ARDUJENSKI@aol.com
- 40) [75387] Value of OmniC/243/PS/229A Tuner?  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 41) [75388] Re: 14060 QRM  
by Curt Milton <wb8yyy@yahoo.com>
- 42) [75389] Remote controlled balanced tuner  
by Goran Hosinsky <hosinsky@royac.iac.es>
- 43) [75390] Backpacker Rig Question

by ARDUJENSKI@aol.com

-----  
Date: Tue, 18 Jul 2000 19:04:17 -0400  
From: tailfeathers@juno.com  
To: qrp-1@lehigh.edu  
Subject: [75348] speaker audio  
Message-ID: <20000718.190419.-4125173.0.tailfeathers@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hey Guys.....I was wondering if there is some way to smoth out the speaker audio of my Tentec 1380. It has a ticky kinda edge to it when I am sending cw. Any ideas?  
Gary

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Tue, 18 Jul 2000 20:35:53 -0400  
From: Michael Bower <bowerm@ix.netcom.com>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [75349] FS: Toshiba T1200 Laptop  
Message-ID: <3974F7E9.A6C0A7B4@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale:

Toshiba Model T1200 Laptop Computer with  
Charger/Power Supply,  
Manuals,  
DOS disks,  
spare disks (lots).  
80C86-1 CPU  
Monochrome LCD backlite display,  
1 Meg of Ram,  
40 meg hard disk,  
one 3.5" 720K floppy drive,  
NiCad battery pack,  
serial port,

parallel port,  
two external monitor connectors,  
external floppy drive connector,  
external keypad connector  
expansion slot.

System could be upgraded to 2 Meg Ram and Modem.

Laptop is in good working condition. DOS based - good for logging software.

Asking \$75.00 plus shipping (approx \$10.00 to \$15.00 S&H based on ship to location.)

Questions: send me an e-mail.

--

73 de N4NMR  
Michael Bower  
Ashburn, VA (near Washington, D.C.)

-----

Date: Tue, 18 Jul 2000 20:40:42 -0400  
From: Michael Bower <bowerm@ix.netcom.com>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [75350] FS: Toshiba T1200 pictures  
Message-ID: <3974F90A.F4E7CB3D@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I forgot. You can see a picture of this laptop at:

[www.qsl.net/n4nmr/t1200.jpg](http://www.qsl.net/n4nmr/t1200.jpg)

Michael

--

73 de N4NMR  
Michael Bower  
Ashburn, VA (near Washington, D.C.)

-----  
Date: Tue, 18 Jul 2000 21:04:24 -0400  
From: "w8diz" <w8diz@cinci.rr.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [75351] 14060  
Message-ID: <008701bff11d\$478271e0\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Gang,

Anybody else hear that GARBAGE NOISE around 14060? Very broad signal.  
Seems like some kind of digital stuff - not familiar with it;  
kind of pulse like; confirmed on 2 of my rigs; not QRN type noise.

???

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

-----  
Date: Tue, 18 Jul 2000 19:58:51 -0500  
From: "Dennis Payton" <dpayton@fwi.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [75352] Sticky Knob Pot Solution?  
Message-ID: <00c401bff11c\$8255c2a0\$8ea854d1@locke>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've built several pieces of equipment using knob pots and several of them are "grabby" or sticky. I didn't see any way to disassemble them so tried squirting lubricant up inside the knob, which didn't help. Then I tried to disassemble one and ruined it. Maybe it's a characteristic of these things not to be smooth, although some of mine are, but if anybody has an idea, I'd sure appreciate hearing it.

Thanks,

Denny Payton, N9JXY  
Auburn, IN

-----  
Date: Tue, 18 Jul 2000 21:19:10 EDT  
From: Macstein@aol.com  
To: w8diz@cinci.rr.com, qrp-1@lehigh.edu  
Subject: [75353] Re: 14060  
Message-ID: <7e.7b27973.26a65c0e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 07/18/100 8:04:55 PM EST, w8diz@cinci.rr.com writes:

> Anybody else hear that GARBAGE NOISE around 14060? Very broad signal.  
> Seems like some kind of digital stuff - not familiar with it;  
> kind ff pulse like; confirmed on 2 of my rigs; not QRN type noise.  
>  
> ???

Well, I sure hear it. But, like you dunno what it is!

72 es "oo"  
-MAC-  
AF4PS  
Odessa, FL "Home of the Infamous Attic Dipole"

QRP-L # 704, FISTS #5096, CC #754, NorCal #1998, Zombie #510, ARCI #9843,  
AR QRP #257, HI QRP #83, Whiners #5, SOC #28, West FL QRP, ARS #751  
Flying Pig QRP #-51 and various other annual \$15 committments.

-----  
Date: Tue, 18 Jul 2000 22:04:51 -0400  
From: Barry J Minsky <w2bj@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [75354] PSK31 SOFTWARE FOR MAC  
Message-ID: <20000718.220453.-147661.0.w2bj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I have been wanting to try PSK31. Can anyone tell me where I can get  
software for the MAC? Thanks!

72/73,

Barry J. Minsky, W2BJ  
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century  
Club #569, Platinum #51, Silver #119, FISTS CW Club of Coastal Georgia,  
Knightlites, Adventure Radio Society #359,  
Six Club #151, QCWA #29298, OOTC #3723, SOC #193

-----  
Date: Tue, 18 Jul 2000 22:21:11 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-l@lehigh.EDU>  
Subject: [75355] re. sticky knobpots  
Message-ID: <3.0.32.20000718222106.00753cb0@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

An old indian trick is to buzz a small hole in the cover with  
a Dremel or whatever and shoot it with a silicon based contact cleaner.  
I'm not sure if GC still makes it but they sold a plunger type  
device that threaded on the shaft bushing and you could shoot it  
in alongside the shaft.  
73 Pete NV4V

-----  
Date: Tue, 18 Jul 2000 19:21:51 PDT  
From: paule@sfu.ca  
To: qrp-l@Lehigh.EDU  
Subject: [75356] OT: rfi and computer speakers  
Message-ID: <200007190221.e6J2Lp324690@rm-rstar.sfu.ca>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

Does anyone have any recommendation for computer speakers that are  
not too affected by rfi?

The cheap pair that I borrowed from another computer are not affected  
by hf, but whenever I key the mic of my two meter rig, there is a sharp  
rasping noise. I have tried putting ferrite split cores on the power  
supply leads, but it does not help.

I am willing to spend some money (within reason) for a decent pair if  
I know that they will function in a rf environment.

Thanks in advance.

cheers, Paul - VA7NT - email: paule@sfu.ca

-----  
Date: Tue, 18 Jul 2000 22:34:21 -0400  
From: Ron S Stone <rsstone@juno.com>  
To: qrp-1@Lehigh.EDU  
Cc: lujce@Lehigh.EDU  
Subject: [75357] Need December 66 QST Article  
Message-ID: <20000718.223423.-520483.0.rsstone@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi - If anyone has this issue I'd appreciate a copy of the following article: "The Field Effect Transistor as a Stable VFO Element." Will pay copying and postage costs. Please respond direct. Many thanks.

72,

Ron (KA3J)  
Bethesda, MD

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 18 Jul 2000 21:49:13 -0500  
From: Mike <mmorrow@companet.net>  
To: n4so@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [75358] Re: CW mods for HTX-10  
Message-ID: <39751729.4823@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Charles K Brown wrote:

> MFJ Enterprises has the CW Module for the 20 Meter  
> SSB Travel Radio. The CW Module includes semi-QSK  
> break-in and side tone.

The MFJ-415 CW adapter is heavily specialized for the MFJ transceiver for



which it was designed. Although it generates a sidetone, the sidetone is applied only to the receiver audio stages. The adapter causes the SSB transceiver to generate CW carrier by unbalancing the SSB balanced modulator, not by audio tone insertion.

The adapter is also rather oddly configured physically, and most of the circuitry is associated with padding down the transceiver's VFO into the CW range, providing 700 Hz VFO offset on transmit (uses varactor in VFO), and providing semi-break in circuitry.

This adapter (PCB) would not be on my list as readily adaptable to the HTX-10.

73,

Mike / KK5F

-----  
Date: Tue, 18 Jul 2000 22:42:34 -0500  
From: Brian <brian@iquest.net>  
To: w8diz@cinci.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [75359] Re: 14060  
Message-ID: <397523AA.A28E077A@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It was me Diz, I was trying to tune up my new 160M J-pole and I think I may be experiencing spurious emissions from one of the guy wires.

I made the controller interface out of some old garage door openers and a leftover Zenith Oceanic.

Stay tuned for pics

72 de KB9BVN

w8diz wrote:

>  
> Hey Gang,  
>  
> Anybody else hear that GARBAGE NOISE around 14060? Very broad signal.  
> Seems like some kind of digital stuff - not familiar with it;  
> kind ff pulse like; confirmed on 2 of my rigs; not QRN type noise.  
>  
> ???

>  
> 73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
> FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
> <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Proud to be a member of the American Radio Relay League  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

-----

Date: Tue, 18 Jul 2000 22:25:57 -0700  
From: Radman <radman@best.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [75360] FS: NC-20 & LDG atu...  
Message-ID: <01BFF107.27ED6E40@radman.vip.best.com>

Gang,

Two nice items FS:

1.) NorCal 20 kit (unassembled) in original USPS box, flap opened only to confirm there was a kit inside ;) Price is original NorCal price: \$100 plus \$3.20 US Priority to your door.

2.) LDG AT-11 (QRP) ATU. This is fully assembled, a very clean 9.5/10.0 condition, perfect working order. I used it to Field Test my K2! Price: \$100 including US Priority to your door.

73,

Conrad Weiss - NN6CW

-----

Date: Wed, 19 Jul 2000 02:21:06 -0400  
From: Michael Bower <bowerm@ix.netcom.com>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [75361] painting aluminum  
Message-ID: <397548D2.616EA45A@ix.netcom.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I recently purchased an SST with an extra case so that I could paint it.

However, I know absolutely nothing about painting aluminum for this kind of project (or any other kind of project for that matter).

Is there a special way for painting aluminum that I should be targeting? I'm just trying to get a nice color scheme perhaps similar to the NC40A or Sierra. Nothing fancy like speckled coating or anything like that.

TIA

Michael

--

73 de N4NMR  
Michael Bower  
Ashburn, VA (near Washington, D.C.)

-----

Date: Wed, 19 Jul 2000 02:36:44 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>  
Subject: [75362] RE: different painting aluminum procedure?  
Message-ID: <CKEGICNFDIMCEKEDCEHFAEIEDEAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Yes there is Michael:

1) It wouldn't hurt to give it a light sanding (finishing grit). Degrease it.

That can be the solvent of your choice. I use acetone followed by denatured alcohol. Remember your hands yield 'grease', so handle the piece to be painted with gloves, a cloth, or by the edges.

2. Prime it ONLY with a primer containing zinc-chromate. There are yellow-capped spray paint "primers" as well as "metal primer"s that

do not use zinc-chromate. Don't use 'em. Look on the label. Number of coats is up to you. Usual painting practices apply now. Personally, a good baking at the "Warm" setting on you oven is great between coats.

3) You're set to go with your intended outer paint.

73 Ed Tanton <n4xy@arrl.net>

website: <http://www.qsl.net/n4xy/>

-----  
Date: Wed, 19 Jul 2000 00:13:53 -0700  
From: Jim/Julia <w7ls@blarg.net>  
To: bowerm@ix.netcom.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [75363] Re: painting aluminum  
Message-ID: <39755530.3BEC80C6@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The best way is to irridite finish it and then paint it. That's out of reach for a home hobbieist. The best, simple way to get an acceptable paint job is to use vinegar to act as a mild etchant, which will roughen the surface, so you will get not only the fairly weak chemical bonding between the paint and the aluminum, but you will also get plain old mechanical interlocking. Another acid that I've used is Ferric Chloride, the same stuff you get at Radio Shack for etching pc boards. Neutralize it after the acid treatment with lots of water or a base, but the base treatment is tough to get right, as you are trying to balance things out that are miniscule and virtually unmeasurable. Dillution is the only good way to do it., or at least it is, in my humble opinion.

Jim W7LS

Michael Bower wrote:

> I recently purchased an SST with an extra case so that I could paint it.  
>  
> However, I know absolutely nothing about painting aluminum for this kind  
> of project (or any other kind of project for that matter).  
>  
> Is there a special way for painting aluminum that I should be  
> targeting? I'm just trying to get a nice color scheme perhaps similar

> to the NC40A or Sierra. Nothing fancy like speckled coating or anything  
> like that.  
>  
> TIA  
>  
> Michael  
>  
> --  
> 73 de N4NMR  
> Michael Bower  
> Ashburn, VA (near Washington, D.C.)

-----  
Date: Wed, 19 Jul 2000 05:49:03 -0500  
From: Steve Muncy <listsubs@sintezo.com>  
To: w2bj@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [75364] Re: PSK31 SOFTWARE FOR MAC  
Message-ID: <p04320401b59b37abd307@[207.170.107.178]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

On 7/18/00, Barry J Minsky wrote:

>I have been wanting to try PSK31. Can anyone tell me where I can get  
>software for the MAC? Thanks!

Try MultiMode, available from Black Cat Systems. It, along with other  
ham software, is available at:

<http://www.blackcatsystems.com/>

I've played with it a bit, but not extensively. It handles most digital modes.

--

-----  
Steve Muncy                   <mailto:smuncy@sintezo.com>  
Dallas, TX                   <<http://www.sintezo.com/smuncy/>>

-----  
Date: Wed, 19 Jul 2000 08:01:01 EDT  
From: Shephed@aol.com

To: brian@iquest.net, qrp-1@lehigh.edu  
Subject: [75365] Re: 14060  
Message-ID: <be.6c920ff.26a6f27d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

We need to talk Brian. I want to try to set the world record for MPW/GDO.  
Miles per watt/garage door opener.

So far, using a 6 element Yagi, I've been able to confirm a contact (by  
opening and lowering my garage door) of 3/4 mile. The transmitter puts out  
.025 KmW so that's 30mpw so far.

72, 73, oo's  
Dan, N8IE Kettering, Oh  
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284  
<http://members.aol.com/shephed/n8ie.htm>

In a message dated 7/18/00 11:48:07 PM Eastern Daylight Time,  
brian@iquest.net writes:

> It was me Diz, I was trying to tune up my new 160M J-pole and I think  
> I may be experiencing spurious emissions from one of the guy wires.  
>  
> I made the controller interface out of some old garage door openers  
> and a leftover Zenith Oceanic.  
>  
> Stay tuned for pics  
>  
> 72 de KB9BVN

-----  
Date: Wed, 19 Jul 2000 09:50:05  
From: "Graham Dillabough (VE6KJ)" <g\_dillabough@roadrunner.nf.net>  
To: qrp-1@lehigh.edu  
Subject: [75366] P-Tick Keyer  
Message-ID: <3.0.3.16.20000719095005.3d070750@pop-server>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I just finished my P-Tick keyer yesterday morning. It is already becoming  
dangerously close to replacing my Vibroplex.... It's neat! just what I  
needed to take with me when I'm away from the shack.

The paddles went together with no problems and only one minor gouge in my fingers... yes, I know I should have been holding that piece with the pliers (Jay's excellent instructions told me so!). I used a 1/8 drill bit at the front of the base to hold the space between the bottom side of the paddles and the base while the fence/paddle assembly was soldered to the base.

The electronics portion went together well, but space is very tight. If you are building one of these, keep the piezo handy and make sure it still fits after everything you install. I had a little bit of squeezing to get it finally together. A quick check of the plus 5 volts, I plugged in the chip, and I was sending code. I pulled a piece of paper through each closed paddle contact several times to clean the contacts, to improve the contact connections.

My hats off to Jay for a kit well done! A heck of a deal at US\$10.

Another happy customer,  
72, 73  
Graham, VE6KJ, V01DZA  
Graham Dillabough  
g\_dillabough@roadrunner.nf.net

"Sometimes you get shown the light, in the strangest of places, if you look at it right"  
Grateful Dead

-----  
Date: Wed, 19 Jul 2000 15:08:44 +0200  
From: "Carel Mulder, PA0CMU" <cmulder@casema.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [75367] Re: 14060  
Message-ID: <000301bff182\$7c1d4a00\$02c8c8c8@ZOLDER01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

=>Anybody else hear that GARBAGE NOISE around 14060? Very broad signal.  
=>Seems like some kind of digital stuff - not familiar with it;  
=>kind ff pulse like; confirmed on 2 of my rigs; not QRN type noise.  
  
=> ???

Yes, I hear it too here in the Netherlands. Most of the time it's a strong signal

about

S8-9 and I first thought it was a PSK signal, but it isn't. It is not a regular signal.

Thank goodness I don't hear it every day.

72 Carel - PA0CMU.

-----  
Date: Wed, 19 Jul 2000 07:05:35 -0700 (PDT)  
From: Shawn Upton <kb1ckt@yahoo.com>  
To: qrp-l@Lehigh.EDU  
Subject: [75368] Semi-portable verticle  
Message-ID: <20000719140535.6829.qmail@web4803.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi, I am thinking of making a semi-portable verticle. Something that I can use when I am on the road, or in places that might not have trees. I am thinking of a quarter wave-ish for 40m. Only thing is, for it to fit in my small car, I'd have to have the sections in the 5 foot range. I've heard of several ideas on masts in this email list, but foolishly I never kept them.

I do have a tripod already for it, it's an old roof mount affair, so 6 sections of pvc with wire strung up it would work, I guess. (I just don't know how to connect each section to the next and have it be able to break down afterwards.)

For the ground plane, I plan on carrying several spools of wire (4 or more, perhaps) and simply put roll them out on the ground as I can.

Thanks!  
KB1CKT  
Shawn Upton  
Pembroke, NH

-----  
Date: Wed, 19 Jul 2000 11:00:56 EDT  
From: ARDUJENSKI@aol.com  
To: kb1ckt@yahoo.com, qrp-l@lehigh.edu  
Subject: [75369] Re: Semi-portable verticle



Message-ID: <bd.54e5753.26a71ca8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Rick,

I might help narrow down the type best suited for your needs if you note how portable you want to be. If you go to [www.google.com](http://www.google.com) and do a search you will find both types you can build or buy. From the St. Louis Vertical to the commercial OUTBACK or Texas Bug Catcher you will find reference to them all here. Off hand I would say the W6MAA version of the St Louis Vertical may come close to your needs. The fishing pole collapses to less than 4 ft and it has a coil so no tuner is needed.

<http://www.fix.net/~jparker/w6mma.htm>

It is about \$75 for coil and pole or you can make you can role your own (coil that is) and buy the pole for about \$20--<http://www.fix.net/~jparker/slv.html>

For a full 1/4 wave you may want to look at the DK9SQ firberglass mast that telescopes to 33 ft for \$99 from KANGA --<http://www.bright.net/~kanga/kanga/>

For a variety of articles see  
<http://www.qsl.net/~wd8rif/archives.htm#antennas>

Hope this helps alan kb7mbi

Alan KB7MBI

-----  
Date: Wed, 19 Jul 2000 11:16:22 -0400  
From: JP <jdanter@mail.i-america.net>  
To: qrp-l@Lehigh.EDU  
Subject: [75370] WTD:Link to KI6DS Kitbuilding articles  
Message-ID: <3975C646.1AB9E1B3@mail.i-america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Are the Kitbuilding info articles,  
by KI6DS Doug Hendricks,  
available online? QRP-L CD v3?  
I-Net search did not find these articles.  
HD crash wiped out my resources.  
Email Direct.  
Thanks,  
KF4VOP

Jamie D.  
Troutman NC

-----  
Date: Wed, 19 Jul 2000 11:30:48 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: jdanter@mail.i-america.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [75371] Re: WTD:Link to KI6DS Kitbuilding articles  
Message-ID: <3975C9A8.22AE7B22@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The eight articles from Doug KI6DS are available on the West Florida QRP Club webpage:

<http://www.qsl.net/westfla>

73  
Paul AJ4Y

--  
Polk County Chapter American Red Cross:  
<http://www.redcross.org/fl/polkcounty>

-----  
Date: Wed, 19 Jul 2000 11:34:43 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [75372] \*Correction\* KI6DS Kitbuilding articles  
Message-ID: <3975CA93.9921AD25@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The correct URL for the West Florida QRP Club is:

<http://www.qsl.net/westfla>

Paul AJ4Y

-----  
Date: Wed, 19 Jul 2000 11:46:57 EDT  
From: NB6M@aol.com  
To: tailfeathers@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [75373] Re: speaker audio  
Message-ID: <42.85f7622.26a72771@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Try adjusting the transmitter offset frequency a little. That seems to effect both the sidetone and the CW keying in the 1300 series kits.

72

Wayne NB6M

-----  
Date: Wed, 19 Jul 2000 11:11:20 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [75374] Re: garbage on 14.06  
Message-ID: <200007191548.LAA30632@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I've hear that signal also, at least several times. Best I can figure it's was centered on about 14.07 and splattering at least +/- 15 KHz. Very loud, very annoying. Could be someone trying to run a digi-mode into a Kw linear with extream over modulation. Hard to tell, just hope it goes away or they fix thier problem!

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Wed, 19 Jul 2000 12:01:22 EDT  
From: NB6M@aol.com

To: kb1ckt@yahoo.com  
Cc: qrp-1@lehigh.edu  
Subject: [75375] Re: Semi-portable verticle  
Message-ID: <78.7d6e62e.26a72ad2@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

One Portable Vertical that I have used with good success with QRP rigs is the one in the August 1998 QST article called "Build a Portable Antenna".

Basically uses a 4" PVC Pipe coupler as a coil form to wind 13 turns of # 10 aluminum wire (Radio Shack) for a base loading coil, which has a movable tap with an alligator clip, and then an aluminum mast of from 8 to 12 or so feet.

I use telescoping sections of aluminum tubing from a hobby store that come in 3 foot lengths, and two wire radials. Tunes 40 meters and up.

Check it out.

72

Wayne NB6M

-----  
Date: Wed, 19 Jul 2000 12:05:27 -0400  
From: "Delanet" <hhurst@delanet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [75376] HB: DC decoupling  
Message-ID: <001d01bfff19b\$279ae230\$d20d010a@WILMINGTON.GCI>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Where can I find a writeup on DC decoupling circuits?? I'm having problems with a high gain audio amp. Thanks.

-----  
Date: Wed, 19 Jul 2000 09:11:17 -0700  
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [75377] Re: Getting excited --- #99!  
Message-ID: <003601bfff19b\$f8fe3f20\$84fdb3d1@oemcomputer>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Congrats, Ade.  
I remember hunting for my #100 when I did my DXCC back in the mid 60's.  
It was a real nail biter. Good luck  
72, Bob N6WG

-----  
Date: Wed, 19 Jul 2000 11:13:35 -0500  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [75378] Re: garbage on 14.06  
Message-ID: <009d01bff19c\$4cc786c0\$0100a8c0@dandooley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wonder if it's a badly driven PSK31 signal? Yesterday about 23:00 I heard  
and worked a XE1 station in Mexico City at 14.070 who I believe was badly  
overdriving. His signal was very loud and even with the preamp off, he was  
S9 here in North Texas.

Viewing his signal on the spectrum display of the PSK31 program I'm using,  
it was not only broad, but had sidebands up and down the band.

Might not be him, but he was on working stations almost continuously for  
quite a while then.

Don't see or hear any real strong or broad signals now in that area. Time:  
16:10 UTC.

Oh yes, QRP? My power was just under 1 watt. He gave me a 599 and solid  
copy. I suspect that he wasn't QRP.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku  
e-mail to: dandooley@pipeline.com  
SOC#198  
May Goddes love blest ye alle  
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Steven Weber <kd1jv@moose.ncia.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Wednesday, July 19, 2000 6:11 AM  
Subject: Re: garbage on 14.06

> I've hear that signal also, at least several times. Best I can figure  
> it's was centered on about 14.07 and splattering at least +/- 15 KHz.  
> Very loud, very annoying. Could be someone trying to run a digi-mode  
> into a Kw linear with extream over modulation. Hard to tell, just  
> hope it goes away or they fix thier problem!  
>  
>  
> 72,  
> Steve, KD1JV in the white Mountains of New Hampshire  
> "melt solder"

-----  
Date: Wed, 19 Jul 2000 13:05:47 -0400  
From: Jim Stafford <w4qo@amsat.org>  
To: n4so@juno.com, qrp-l list <qrp-l@lehigh.edu>  
Subject: [75379] Re: CW mods for HTX-10  
Message-ID: <3975DFEB.2875D365@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

The April issue of QRP Quarterly had a nice article by Jim, N5IB on  
adding CW to HTX-10.

It's accessible through the Tech/Project page:  
<http://www.qrparci.org/arcitech.htm>

--

Jim Stafford/W4Q0/Webmaster QRP ARCI  
The Thrill is Back - QRP Is! 77 -993-95  
<http://www.qrparci.org> w4qo@arrl.net  
<http://www.qrparci.org/pix/arci050.gif>

-----  
Date: Wed, 19 Jul 2000 13:34:32 EDT

From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [75380] QRPP wattmeter update  
Message-ID: <7c.8694ecd.26a740a8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I contacted Ten Tec and per Stan Brocks recommendation chatted with Gary Green , one of the Kit technicians there. According to Gary, it did not make any difference on which scale is used to calibrate for QRPP levels. He was not aware of how sensitive the circuits are at low power levels. I don't have the equipment here to be able to test at the lower levels but may be able to find some one locally to help me out.

The comments todate that one may be better off going with the WM-2 is probably good advice.

Has anyone tried the circuit in Moxon's book HF ANTENNAS FOR ALL LOCATIONS pg 275??

Alan kb7mbi

-----  
Date: Wed, 19 Jul 2000 11:41:16 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@lehigh.edu  
Subject: [75381] Re: 14060 QRM  
Message-ID: <397593DC.23653.5AFC38@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

re: >>most of the time it's a strong signal about S8-9 and I first thought it was a PSK signal, but it isn't. It is not a regular signal. Thank goodness I don't hear it every day.<<

It might be RFI from a personal computer-- I can hear mine on 060, so I turn it off when I'm doing something "critical." It's also a problem on 10.115, so if you can relate QRM on those two frequencies it's most likely a computer.

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Wed, 19 Jul 2000 12:50:44 -0500  
From: Michael Melland <badger@vbe.com>  
To: qrp-l@lehigh.edu, homebrew@qth.net, njqrp@njqrp.org  
Subject: [75382] [KITS] Anyone built a W9GR DSP Kit ?  
Message-ID: <3975EA74.7DAB601D@vbe.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Looking for those who have built the W9GR DSP kit and their opinions.  
Please e-mail me privately if possible.

Thanks,

Mike

--  
Michael Melland, W9WIS  
Winneconne, Wisconsin, USA  
FISTS #4387, 10-10 #69281, QRP-L #1656,  
QRP-ARCI #9875, AK/QRP #478, NorCal, RC #252  
NJ-QRP #214, SOC #142, Cheeseheads QRP Club  
List Administrator: grundig@qth.net  
<http://www.vbe.com/~badger>

-----  
Date: Wed, 19 Jul 2000 13:53:01 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>, useca@www.auburnhills.org  
Subject: [75383] W8R Special Event Demo Tomorrow  
Message-ID: <Pine.OSF.4.21.0007191347150.17636-1000000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is just a reminder that tomorrow 07/20/2000, I will be giving a ham radio demonstration to the children enrolled in the City of Auburn Hills Summer Day Camp.

Should be active from 9:30 AM to about 3:00 PM ESDT.

If you have some time, try to look for us around 7.228 MHz, 14.330. Yeah yeah... I know, you don't do fone :-) The kids will be able to practice



sending their names in CW on a hand key - they love that.

Local are welcome to stop by and visit of course. Talk in on 147.18.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics.

Visit the Virtual Ten\*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Wed, 19 Jul 2000 13:34:55 -0500  
From: Michael Melland <[badger@vbe.com](mailto:badger@vbe.com)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu), [homebrew@qth.net](mailto:homebrew@qth.net), [njqrp@njqrp.org](mailto:njqrp@njqrp.org)  
Subject: [75384] [Kits] W9GR DSPIII no longer available !!  
Message-ID: <3975F4CF.8180C367@vbe.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks everyone that replied to my inquiry on the W9GR DSP III kit and it's performance. The overwhelming majority said it was a great performing kit.

I was going to order one but the Quantics W9GR web page has a notice that they are no longer available because Texas Instruments has just obsoleted the DSP CPU and Audio CODEC they used. They are apparently trying to develop a DSP IV with new parts and improvements supposedly available in late 2000/early 2001.

Rats !!!!! Another good kit bites the dust !

73 de Mike

--

Michael Melland, W9WIS  
Winneconne, Wisconsin, USA  
FISTS #4387, 10-10 #69281, QRP-L #1656,  
QRP-ARCI #9875, AK/QRP #478, NorCal, RC #252  
NJ-QRP #214, SOC #142, Cheeseheads QRP Club  
List Administrator: [grundig@qth.net](mailto:grundig@qth.net)  
<http://www.vbe.com/~badger>

-----  
Date: Wed, 19 Jul 2000 14:37:24 -0400  
From: JP <jdanter@mail.i-america.net>  
To: qrp-l@Lehigh.EDU  
Subject: [75385] (no subject)  
Message-ID: <3975F564.F6262911@mail.i-america.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

DIGEST daily 00:01

-----  
Date: Wed, 19 Jul 2000 14:44:49 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [75386] QRP rig reviews  
Message-ID: <bd.5524318.26a75121@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

It is nice to see the increase in QRP rig reviews on eHam---  
<http://www.eham.net/reviews/products/22>  
ALAN KB7MBI

-----  
Date: Wed, 19 Jul 2000 16:24:46 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [75387] Value of OmniC/243/PS/229A Tuner?  
Message-ID: <200007191624\_MC2-ACD0-F702@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

I am considering selling a complete, exceptional setup =3D a Ten-Tec OMNI=  
C,  
the matching VFO, matching power supply, and the matching 229A tuner. Al=  
1

units are absolutely pristine and never used mobile or in the field whatsoever.

The main rig recently underwent a complete tuneup and PTO rebuild at Ten-Tec in Sevierville, TN. It works perfectly and is a joy to use.

Of course I have a complete of original manuals.

What value should I set on the complete outfit? Or, is it priced separately for each unit? Many thanks for any input you might have. Thanks in advance.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

-----  
Date: Wed, 19 Jul 2000 13:37:42 -0700 (PDT)

From: Curt Milton <wb8yyy@yahoo.com>

To: mgemm@mtechnologies.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [75388] Re: 14060 QRM

Message-ID: <20000719203742.16861.qmail@web2004.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

No - since its been heard on at least two continents it was a real signal from the ionosphere! It was strong and wide ... let's hope it doesn't come back!

--- Marshall Emm <mgemm@mtechnologies.com> wrote:

> re: >>most of the time it's a strong signal about  
> S8-9 and I first thought it  
> was a PSK signal, but it isn't. It is not a regular  
> signal. Thank goodness I  
> don't hear it every day.<<

>

> It might be RFI from a personal computer-- I can  
> hear mine on 060, so I turn it  
> off when I'm doing something "critical." It's also  
> a problem on 10.115, so if  
> you can relate QRM on those two frequencies it's  
> most likely a computer.

>

>  
> Marshall Emm, N1FN  
> Milestone Technologies, Inc.  
> (303) 752-3382  
> <http://www.mtechnologies.com>

-----  
Do You Yahoo!?  
Get Yahoo! Mail    Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Wed, 19 Jul 2000 20:59:59 +0000  
From: Goran Hosinsky <hosinsky@royac.iac.es>  
To: qrp-1@lehigh.edu  
Subject: [75389] Remote controlled balanced tuner  
Message-ID: <397616CF.5BA09C16@royac.iac.es>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

I would like to make a remotely switched balanced tuner. I think a one-coil Z-match like the ZM2 with two-pole relays to switch in more or less C would do the job (using a loop on 5 bands).

An alternative could be a L-match with a 1:1 balun on the input.

Any experience or ideas?

73  
Goran    ea8yu    Isla de La Palma  
Canary Islands.  
Politically: Spain    geographically: Africa

-----  
Date: Wed, 19 Jul 2000 18:19:16 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [75390] Backpacker Rig Question  
Message-ID: <c4.6998bb7.26a78364@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In reviewing the specs available it is not clear which of the two rigs are more trail friendly than the other. Both the SST-20 and the SW+20 seem pretty close except for bandwidth. Since the DSW and RH-20 are on hold these have been ruled out.

You who have operated in the field with these units did you find the RIT essential? Appreciate some feedback--mucho grasses (smile) Alan kb7mbi

-----  
End of QRP-L Digest 1887

\*\*\*\*\*  
-----